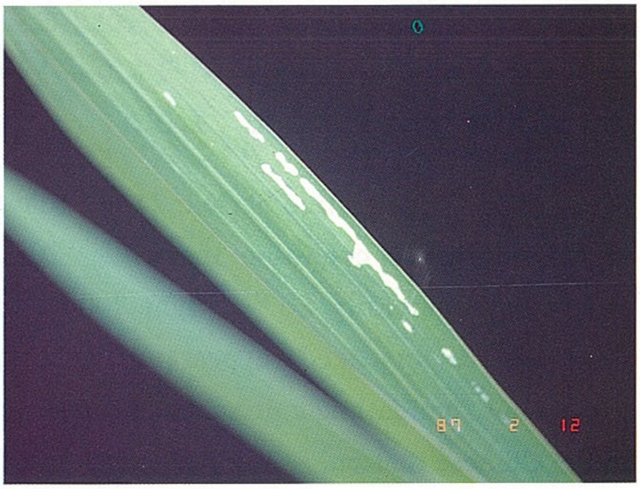
A-100 菊花. Floret chrysanthemum.

SO_2 0.5 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後2天，使用品種：大菊.

SO_2 0.5 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

A-101 唐菖蒲. Gladioli. Gladiolus hybridus Hort.



SO_2 1.8 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後7天，使用品種：新粉.

SO_2 1.8 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 7 days after fumigation, cultivar used is written in the Chinese section.

A-102 唐菖蒲. Gladioli.

SO_2 2.2 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後2天，使用品種：220 alb.

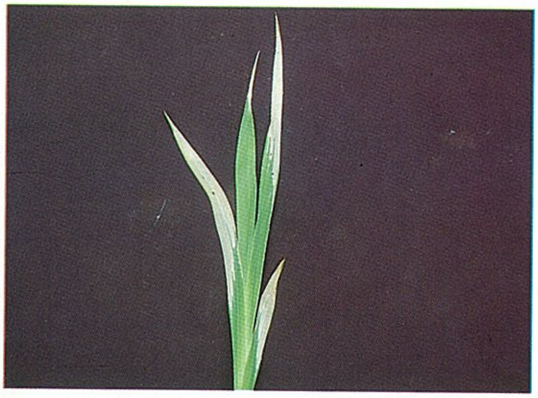
SO_2 2.2 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

A-103 唐菖蒲. Gladioli.

SO_2 9.7 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後1天，使用品種：新粉.

SO_2 9.7 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80 ％, light 7000 lux, symptom: watersoaked appearance, photo: 1 day after fumigation, cultivar used is written in the Chinese section.

A-104 唐菖蒲. Gladioli.



再觀察照片 A-103.(攝影：處理後6天).
(如照片所示的葉間乾枯).

Again a view of plate A-103. (photo: 6 days after fumigation). (necrosis as shown in the plate).

A-105 腎蕨.

Erect sword fern. Nephrolepis cordifolia K. B. PRESL.

SO_2 0.4 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後7天.

SO_2 0.4 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 7 days after fumigation.

A-106 腎蕨.

Erect sword fern.

照片 A-105 的近照.(如照片所示的葉間乾枯).

A close view of plate A-105. (necrosis as shown in the plate).

A-107　滿江紅. Azolla.

SO_2 0.85ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後2天，使用品種：Azolla pinnata (大里).

SO_2 0.85ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

A-108　滿江紅. Azolla.

SO_2 0.85ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後2天，使用品種：Azolla filiculoides (西德).

SO_2 0.85ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

A-109 滿江紅. Azolla.

SO_2 2.5 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後4天，使用品種：Azolla pinnata(大里).

SO_2 2.5 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 4 days after fumigation, cultivar used is written in the Chinese section.

A-110 苜蓿. Alfalfa. Medicago sativa L.

SO_2 0.4 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後7天，使用品種：草刈.

SO_2 0.4 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 7 days after fumigation, cultivar used is written in the Chinese section.

A-111 苜蓿. Alfalfa.

照片 A-110 的另一角度攝影.(如照片所示的葉間乾枯).

Another view of plate A-110. (necrosis as shown in the plate).

A-112 彩葉草. Painted nettle. Coleus blumei BENTH.

SO_2 1.3 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯及落葉，攝影：處理後3天.

SO_2 1.3 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate & the defoliation, photo: 3 days after fumigation.

A-113 彩葉草. Painted nettle.

照片 A-112 的近照. (落葉近照). (如照片所示的葉間乾枯).

A close view of plate A-112. (fallen leaves) . (necrosis as shown in the plate).

A-114 彩葉芋.

Fancy-leaved caladium. Caladium X hortulanum BIRDSEY.

SO_2 2.0 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後16小時.

SO_2 2.0 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80 ％ , light 7000 lux, symptom: watersoaked appearance, photo:16 hrs. after fumigation.

A-115 彩葉芋. Fancy-leaved caladium.

再觀察照片 A-114. (攝影：處理後10天). (如照片所示的葉間乾枯).

Again a view of plate A-114. (photo:10 days after fumigation). (necrosis as shown in the plate).

A-116 落地生根. Air-plant. Kalanchoe pinnata Pers.

SO_2 1.3 ppm，處理時間：22小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後1小時，使用品種：適合台灣栽培品系.

SO_2 1.3 ppm, fumigation period: 22 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: 1 hr. after fumigation.

A-117 落地生根. Air-plant.

SO_2 2.1 ppm，處理時間：40小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後1天.

SO_2 2.1 ppm, fumigation period: 40 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 1 day after fumigation.

A-118　百慕達草. Bermuda-grass. Cynodon Dactylon Pers.

SO_2 2.2 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後3天.

SO_2 2.2 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 3 days after fumigation.

A-119　百慕達草. Bermuda-grass.

照片 A-118 的近照. (如照片所示的葉間乾枯).

A close view of plate A-118. (necrosis as shown in the plate).

A-120 相思樹. Acacia. Acacia sp.

SO_2 5.3 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後2天，使用品種：耳夾.

SO_2 5.3 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo:2 days after fumigation, cultivar used is written in the Chinese section.

A-121 相思樹. Acacia.

SO_2 8.6 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後5天，使用品種：台灣本地種.

SO_2 8.6 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 5 days after fumigation, cultivar used is written in the Chinese section.

A-122 相思樹. Acacia.

SO_2 5.3 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後19天，使用品種：台灣本地種.

SO_2 5.3 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20 ℃ (day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo:19 days after fumigation, cultivar used is written in the Chinese section.

B. 氟化物. Fluorides.

B-1　水稻. Rice. Oryza sativa L.

HF 0.43 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉尖乾枯及葉緣乾枯，攝影：處理後5天，使用品種：台農67號.

HF 0.43 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: tip necrosis & marginal necrosis, photo: 5 days after fumigation, cultivar used is written in the Chinese section.

B-2　水稻. Rice.

照片 B-1 的近照.(攝影：處理後2天).(葉尖乾枯及葉緣乾枯).

A close view of plate B-1. (photo: 2 days after fumigation). (tip necrosis & marginal necrosis).

B-3 水稻. Rice.

HF 0.077ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉尖乾枯及葉緣乾枯，攝影：處理後7天，使用品種：台農67號.

HF 0.077ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: tip necrosis & marginal necrosis, photo: 7 days after fumigation, cultivar used is written in the Chinese section.

B-4 玉米. Corn. Zea mays Linn.

HF 0.18 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：立即拍照，使用品種：台農351.

HF 0.18 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: immediately after fumigation, cultivar used is written in the Chinese section.

B-5 玉米. Corn.

再觀察照片 B-4. (攝影：處理後2天). (葉間水漬狀).

Again a view of plate B-4. (photo: 2 days after fumigation). (watersoaked appearance).

B-6 玉米. Corn.

再觀察照片 B-4. (攝影：處理後7天). (葉尖乾枯及葉緣乾枯).

Again a view of plate B-4. (photo: 7 days after fumigation). (tip necrosis & marginal necrosis).

B-7 玉米. Corn.

再觀察照片 B-6. (全株玉米). (葉尖乾枯及葉緣乾枯).

Again a view of plate B-6. (the whole plant). (tip necrosis & marginal necrosis).

B-8 香蕉. Banana. Musa spp.

HF 0.18 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：立即拍照，使用品種：北蕉.

HF 0.18 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: immediately after fumigation, cultivar used is written in the Chinese section.

B-9 香蕉. Banana.

HF 0.17 ppm，處理時間：48小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後2天，使用品種：北蕉.

HF 0.17 ppm, fumigation period: 48 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

B-10　香蕉. Banana.

再觀察照片 B-8. (攝影：處理後 3 天). (葉緣乾枯).

Again a view of plate B-8.
(photo: 3 days after fumigation).
(marginal necrosis).

B-11　香蕉. Banana.

再觀察照片 B-8. (攝影：處理後 7天). (葉緣乾枯).

Again a view of plate B-8.
(photo: 7 days after fumigation).
(marginal necrosis).

B-12　香蕉. Banana.

再觀察照片 B-8.(攝影：處理後12天).(葉緣乾枯).

Again a view of plate B-8.
(photo:12 days after fumigation).
(marginal necrosis).

B-13 鳳梨. Pineapple. Ananas Comosus Merr.

HF 0.8 ppm，處理時間：52小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉緣乾枯，攝影：處理後2天，使用品種：台農3號.

HF 0.8 ppm, fumigation period: 52 hrs.(day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom:marginal necrosis, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

B-14 鳳梨. Pineapple.

照片 B-13 的近照. (葉緣乾枯).
A close view of plate B-13. (marginal necrosis).

B-15 橄欖. Chinese olive. Canarium album Raeusch.

HF 0.25 ppm，處理時間：4天(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後1天，使用品種：台灣本地種.

HF 0.25 ppm, fumigation period: 4 days (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: 1 day after fumigationg, cultivar used is written in the Chinese section.

B-16 橄欖. Chinese olive.

再觀察照片 B-15. (攝影：處理後 5天). (葉尖乾枯).

Again a view of plate B-15. (photo: 5 days after fumigation). (tip necrosis).

B-17 橄欖. Chinese olive.

HF 0.6 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉尖乾枯，攝影：處理後23天，使用品種：台灣本地種.

HF 0.6 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: tip necrosis, photo:23 days after fumigation, cultivar used is written in the Chinese section.

B-18 咖啡. Coffee. Coffea spp.

HF 2.0 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉尖乾枯，攝影：處理後6天，使用品種：適合台灣栽培品系.

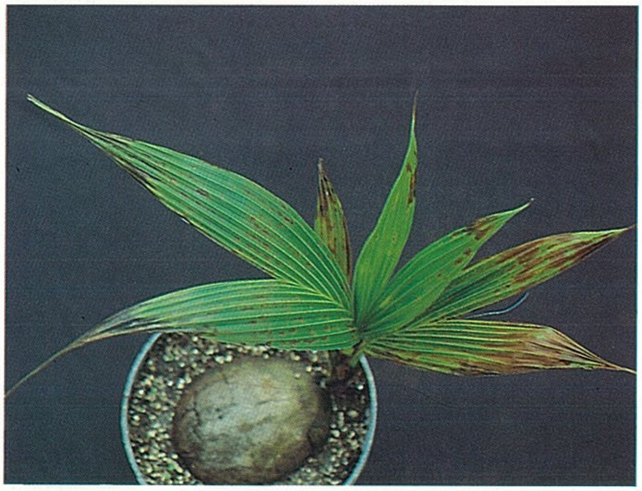
HF 2.0 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: tip necrosis, photo: 6 days after fumigationg, cultivar used is written in the Chinese section.

B-19　咖啡．Coffee.

照片 B-18 的另一角度攝影.(葉尖乾枯).

Another view of plate B-18. (tip necrosis).

B-20　可可椰子．Coconut. Cocos nucifera L.



HF 0.18 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後 7 天，使用品種：矮幹早熟類.

HF 0.18 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 7 days after fumigation, cultivar used is written in the Chinese section.

B-21　可可椰子．Coconut.

照片 B-20 的另一角度攝影.(如照片所示的葉間乾枯).

Another view of plate B-20. (necrosis as shown in the plate).

B-22 可可椰子. Coconut.

再觀察照片 B-20.(攝影：處理後15天).(如照片所示的葉間乾枯).

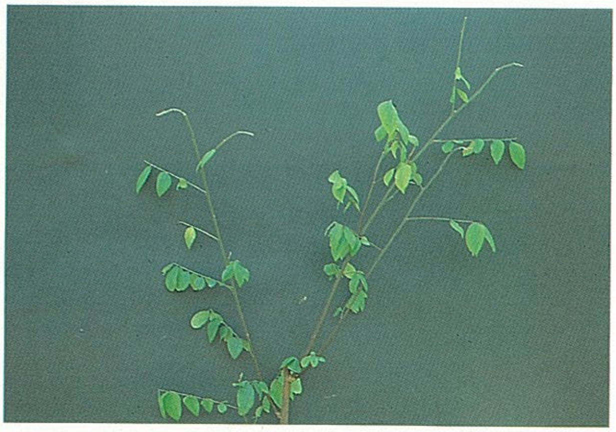
Again a view of plate B-20. (photo: 15 days after fumigation). (necrosis as shown in the plate).

B-23 可可椰子. Coconut.

照片 B-22 的另一角度攝影.(如照片所示的葉間乾枯).

Another view of plate B-22. (necrosis as shown in the plate).

B-24 楊桃. Carambola. Averrhoa carambola, L.



HF 0.17 ppm，處理時間：2天(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000 lux，徵狀：黃化及落葉，攝影：處理後5天，使用品種：二林.

HF 0.17 ppm, fumigation period: 2 days (day/night), fumigation condition: temp. 25 ／ 20 ℃ (day/night), humidity 80％, light 7000 lux, symptom: chlorosis & defoliation, photo: 5 days after fumigation, cultivar used is written in the Chinese section.

B-25　錫蘭橄欖. Ceylon olive. Elaeocartus Serratus L.

HF 2.0 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後3天，使用品種：適合台灣栽培品系.

HF 2.0 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: 3 days after fumigation, cultivar used is written in the Chinese section.

B-26 錫蘭橄欖. Ceylon olive.

再觀察照片 B-25. (攝影：處理後14天). (如照片所示的葉間乾枯).

Again a view of plate B-25. (photo: 14 days after fumigation). (necrosis as shown in the plate).

B-27　錫蘭橄欖. Ceylon olive.

再觀察照片 B-25.(攝影：處理後19天). (如照片所示的葉間乾枯).

Again a view of plate B-25. (photo: 19 days after fumigation). (necrosis as shown in the plate).

B-28　錫蘭橄欖. Ceylon olive.

照片 B-25 的另一角度攝影. (葉間水漬狀).

Another view of plate B-25. (watersoaked appearance).

B-29　錫蘭橄欖. Ceylon olive.

再觀察照片 B-28. (攝影：處理後14天). (如照片所示的葉間乾枯).

Again a view of plate B-28. (photo: 14 days after fumigation). (necrosis as shown in the plate).

B-30　錫蘭橄欖. Ceylon olive.

再觀察照片 B-28. (攝影：處理後19天). (如照片所示的葉間乾枯).

Again a view of plate B-28. (photo:19 days after fumigation). (necrosis as shown in the plate).

B-31 桃. Peach. Amygdalus persica Sieb. et Zucc.

HF 0.25 ppm，處理時間：3天(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉尖乾枯，攝影：處理後1天，使用品種：台農品系.

HF 0.25 ppm, fumigation period: 3 days (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: tip necrosis, photo: 1 day after fumigationg, cultivar used is written in the Chinese section.

B-32 桃. Peach.

照片B-31的近照.(葉尖乾枯).

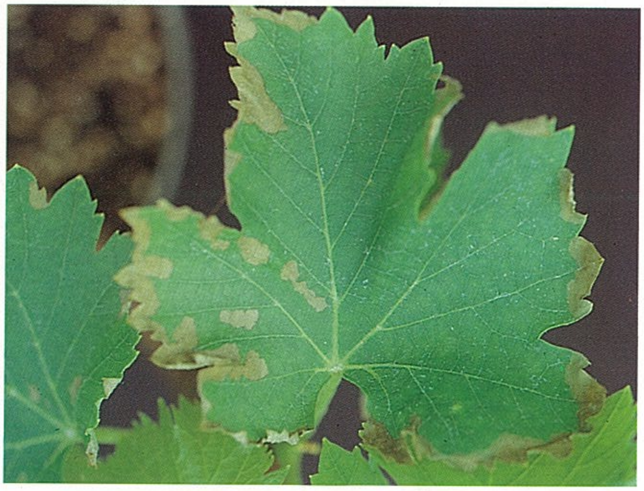
A close view of plate B-31. (tip necrosis).

B-33 桃. Peach.

再觀察照片B-31.(攝影：處理後8天).(葉尖乾枯).

Again a view of plate B-31. (photo: 8 days after fumigation). (tip necrosis).

B-34　葡萄. Grape. Vitis Vinifera L.



HF 0.25 ppm，處理時間：2天(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後2天，使用品種：Italia 65.

HF 0.25 ppm, fumigation period: 2 days(day/night), fumigation condition: temp. 25 ／ 20 ℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

B-35　葡萄. Grape.

HF 0.25 ppm，處理時間：2天(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後6天，使用品種：Golden muscat.

HF 0.25 ppm, fumigation period: 2 days(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 6 days after fumigation, cultivar used is written in the Chinese section.